

TIP#:
Date:
Revised Date:

TEMPORARY GLARE SCREEN

DESCRIPTION.

Furnish, installing, maintain, and remove Temporary Glare Screen in accordance with the plans and specifications.

MATERIALS.

Provide Temporary Glare Screen which are modular units consisting of vertical blades and a horizontal base rail. Provide blades and base rails manufactured from durable high impact resistant, non-warping, and non-metallic material.

Provide blades that have nominal widths between six inches (152mm) and nine inches (229mm). Provide blades which are minimum of 24 inches (610mm) high and capable of being locked down at an angle and spacing to provide a continuous cut-off angle of not less than 22 degrees. Provide modular units with a maximum length of 10 ft. (3.05m).

Anchor the modular units to the barrier using either a mechanical or adhesive system with a minimum pullout and shear strength of 3000 lbs. (13.3kN). Use galvanized mounting hardware in accordance with Section 1076 of the 2002 Standard Specifications. An acceptable alternate may be used if approved by the Engineer. Do not place Modular units over barrier connector between adjoining barrier sections.

Install yellow or crystal encapsulated lens (high performance) retro-reflective sheeting or microprismatic retro-reflective sheeting on the surface of the leading blade of every section of concrete barrier. Provide sheeting that is a minimum of 2" x 12" (51mm x 305mm) and applied with a pressure sensitive adhesive. Have color of the retro-reflective sheeting match the color of the adjacent pavement marking edgeline. Provide reflective sheeting which meets the requirements of Section 1093 of the 2002 Standard Specifications.

CONSTRUCTION METHODS.

Section 1105-3 of the 2002 Standard Specifications applies to this special provision.

MAINTENANCE.

Maintain Temporary Glare Screen in accordance with Section 1105-4 of the 2002 Standard Specifications.

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METHOD OF MEASUREMENT.

The quantity of Temporary Glare Screen to be paid for will be the number of linear feet (linear meter) of Temporary Glare Screen installed during the life of the project in accordance with the plans and accepted.

BASIS OF PAYMENT.

The quantity of Temporary Glare Screen measured as provided above, will be paid for at the contract unit price per linear foot (linear meter) for "Temporary Glare Screen".

Payment will be made under:

Temporary Glare Screen Linear Foot (Linear Meter)